
Preinstallation preparation

Preparing the site

When installing a system, address the following factors.

- environmental
- structural
- electrical

Refer to the following documents for more information.

- *Installation planning* (553-3001-120)
- *System engineering* (553-3001-151)
- *Power engineering* (553-3001-152)

After the site has been planned, the following items must be completed prior to ISDN BRI installation.

- Wire the building between ISDN BRI terminal locations and the distribution frame. Refer to the “Engineering guidelines” section of *ISDN Basic Rate Interface Product description* for wiring specifications and guidelines. For the location of the terminals and the distribution frame, use the Building Cable Plan developed according to instructions in the “Planning the site” section in *Installation planning* (553-3001-120).
- Install any IPE or Network Modules needed to house ISDN BRI cards as determined in “Engineering guidelines” of *ISDN Basic Rate Interface Product description*. Refer to *Meridian 1 installation procedures* (553-3001-210) for a description of how to install the modules.

Unpacking and inspection

ISDN BRI cards and external communication cables are shipped in separate packages. To unpack them, follow the general precautions recommended by computer and telephone equipment manufacturers.

- Remove items that generate static charge from the installation site.
- If the installation site is carpeted, spray it with an antistatic spray.
- Ground yourself before handling any equipment.
- Carefully remove the equipment from its packaging. Do not puncture or tear the containers. Use scissors or a utility knife.
- Inspect the equipment for obvious faults or damage. Report any damaged component to your sales representative and the carrier who delivered the equipment.
- When unpacking the circuit cards, hold them only by their non-conductor edges. Do not touch connector pins or components.
- Keep the circuit cards in their antistatic bags until you are ready to install them.
- Do not stack the plug-in cards on top of each other. This can damage the components and the printed circuits on the cards.

Taking inventory

After unpacking, verify that all the equipment necessary is at the site before installation begins. Check the equipment received against the shipping documents. Note any shortages and report them to your sales representative.